

ATTACHMENT - CLAIMS LISTING

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (currently amended) A method to furnish ~~the an edge portion of an anode or cathode~~ conductive sheet (1) with a strip, as a strip (2) of plastic material using a device (3) comprising including a die space, (7) in which the method comprising the steps of:

providing the edge of the conductive sheet with holes to improve adhesiveness of the plastic strip to the conductive sheet,

fitting the edge of the conductive sheet (1) is fitted inside of the die space,

feeding device (3) that feeds plastic material into the die space and around the sheet edge and into the holes which improves adhesiveness of the plastic strip to the conductive sheet, (7) and

avoiding, by providing means of restrictive organs (8) and die surfaces about the die space, of which device the escape of heated plastic material from the die space (7) is avoided,

moving the sheet 1 is arranged to move in regard to the plastic material feeding device (3); with the sheet edge being inside the die space of the said device so that the plastic strip is adhered to the sheet edge, characterized in that

wherein the feeding step includes the step of heating the die space including the sheet edge (7) of device (3) is heated during the process moving step, and

wherein the fitting step includes the step of pre-heating the conductive sheet (1) is heated as to its edge portion to a temperature at least 10-200°C. warmer than the temperature of the plastic mass material fed into the die space (3); and

further including the step of cooling the strip and sheet edge so that the plastic material of outer strip surfaces of the strip cool and harden before plastic material of a spot of the strip immediately adjacent the sheet edge.

2. (currently amended) A method according to claim 1, characterized ~~wherein that the~~ produced strip (2) is cooled by means of the a cooling impact, for instance air flow steered on the outer surface thereof.

3. (canceled)

4. (currently amended) A method according to claim 1, characterized ~~wherein that the feeding step includes the step of fixing a feed pressure of the plastic material fed into the die space (7) is fixed so low enough so that the plastic strip (2) adhered to the sheet and edge and running out from the a discharge opening end of the die space (7) can causes a substantially-comparable back pressure at its the discharge opening.~~

5. (currently amended) A method according to claim 1, characterized ~~wherein that sheet (1) is moved on the track, while the sheet edge is moving moved through the die space (7) of the device (3).~~

6. (currently amended) A method according to claim 1, characterized ~~wherein that the device (3) is moved along the sheet edge.~~

7. (currently amended) A method according to claim 1, characterized ~~wherein that the parts free from sheet (1) of the avoiding step further includes the provision, at an the input end of the die space (7) having opening portions which are spaced from the sheet, a plugging part by which the opening portions are always plugged, for instance by means of part (12).~~

8. (new) A method according to claim 1, wherein the pre-heating step directs heat from a heat source directly to the edge of the conductive sheet.